

FIG. 1  
PRIOR ART

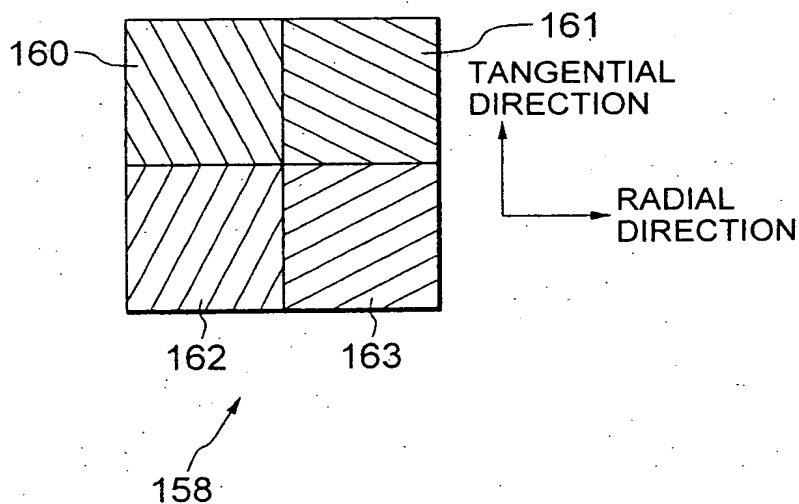


FIG. 2  
PRIOR ART

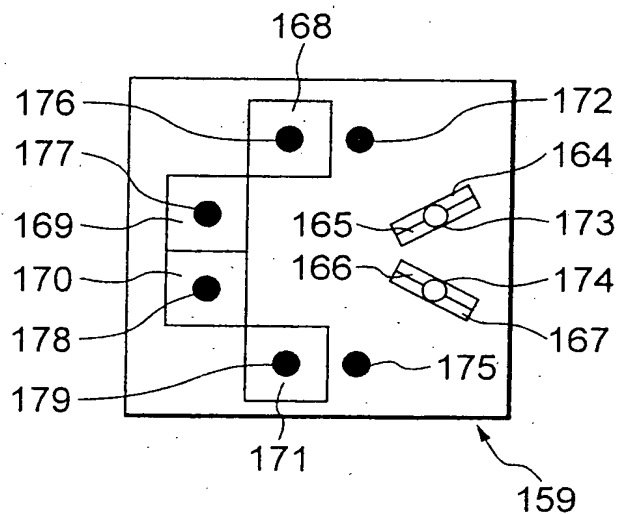
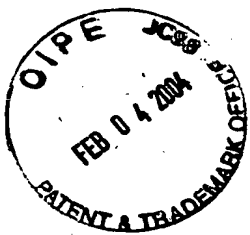


FIG. 3  
PRIOR ART

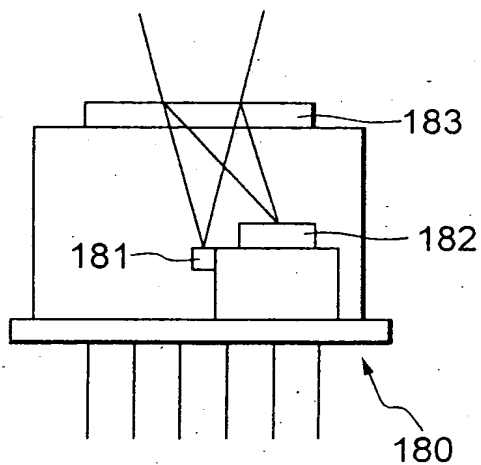


FIG. 4  
PRIOR ART

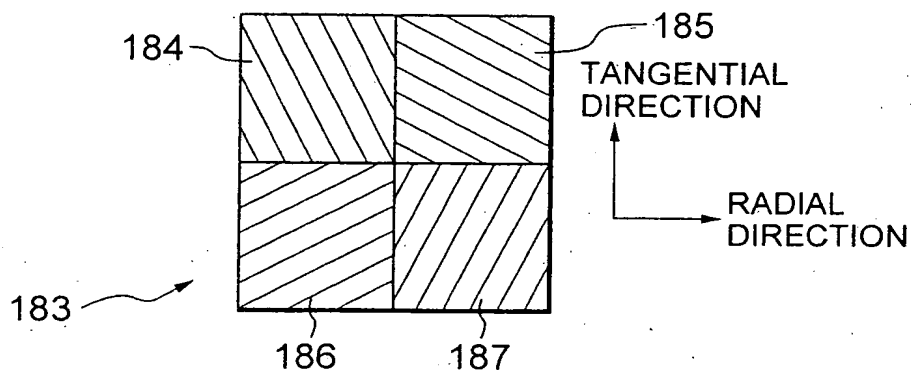


FIG. 5  
PRIOR ART

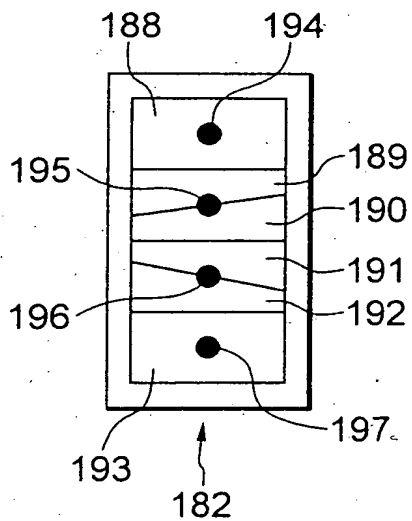
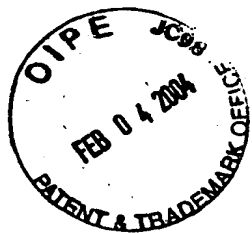


FIG. 6  
PRIOR ART



Title: OPTICAL SYSTEM FOR DETECTING DATA SIGNAL AND  
TRACKING ERROR SIGNAL  
Inventor(s): Ryuichi KATAYAMA  
Appl. No.: 09/442,773

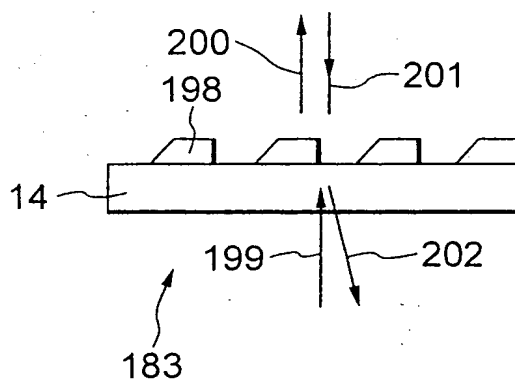


FIG. 7  
PRIOR ART

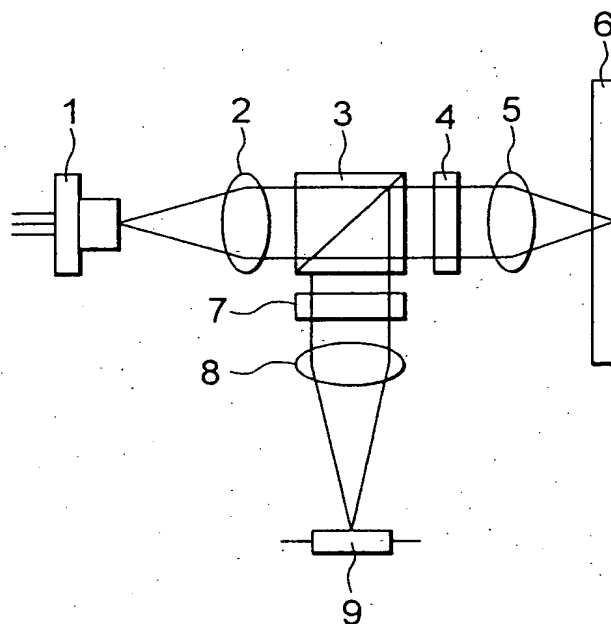


FIG. 8

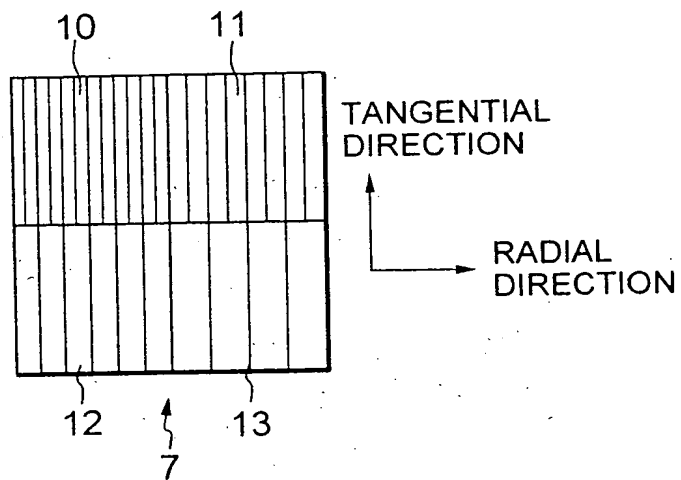


FIG. 9

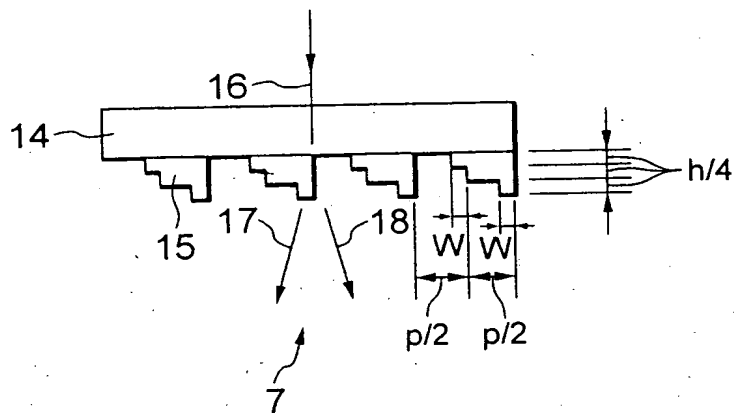


FIG. 10

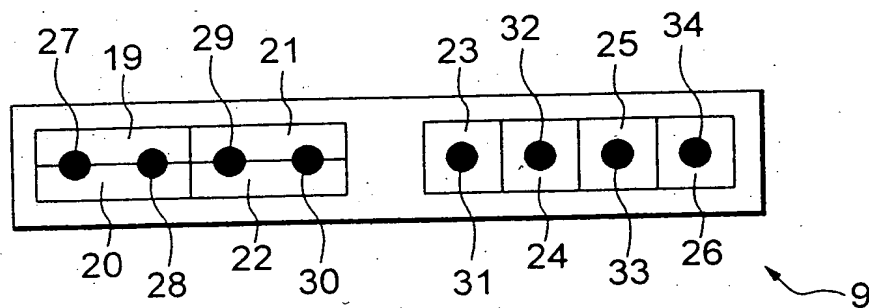


FIG. 11

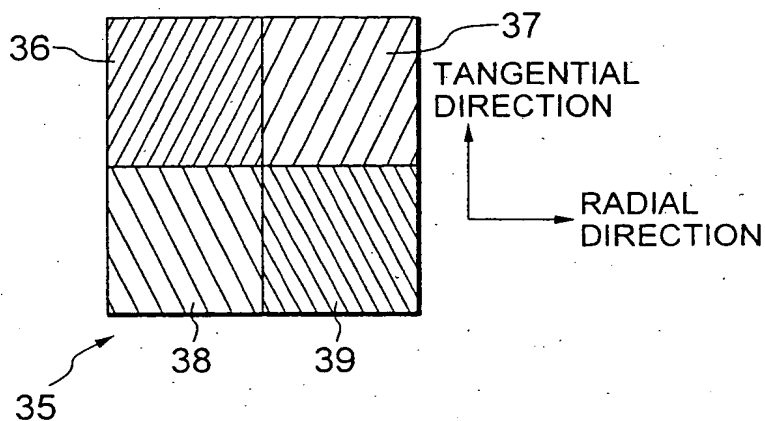


FIG. 12

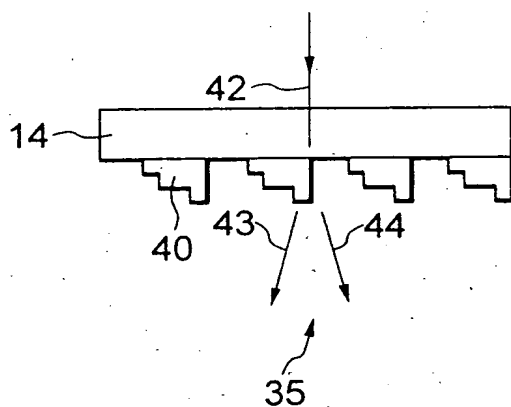


FIG. 13A

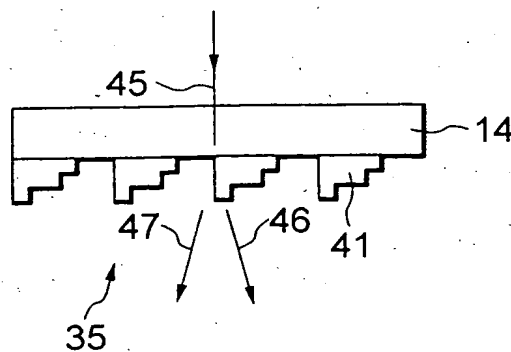
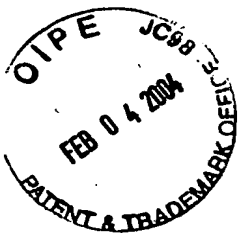


FIG. 13B



Title: OPTICAL SYSTEM FOR DETECTING DATA SIGNAL AND  
TRACKING ERROR SIGNAL  
Inventor(s): Ryuichi KATAYAMA  
Appl. No.: 09/442,773

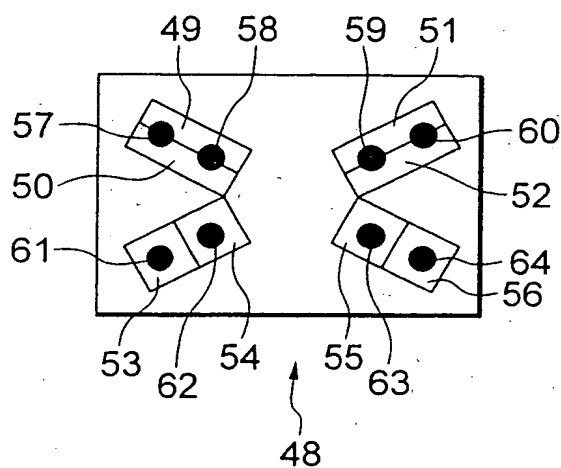


FIG. 14

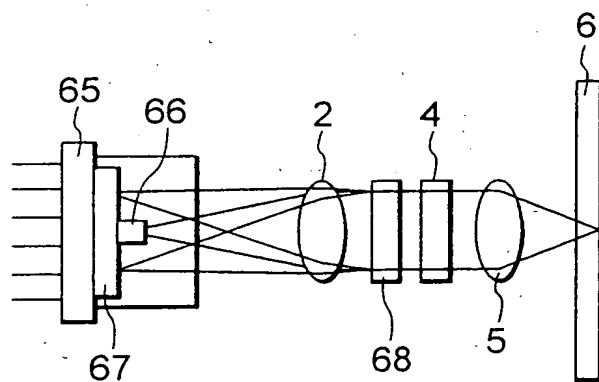


FIG. 15

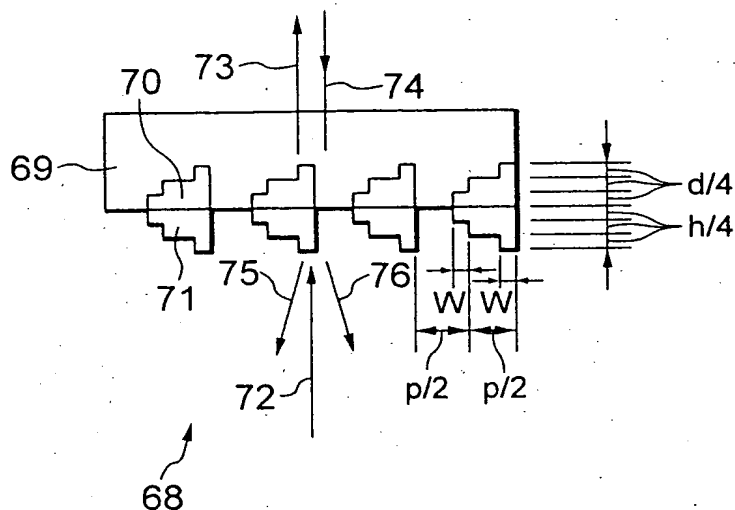
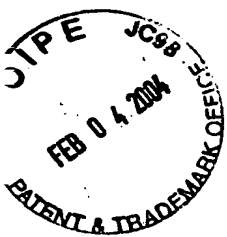


FIG. 16

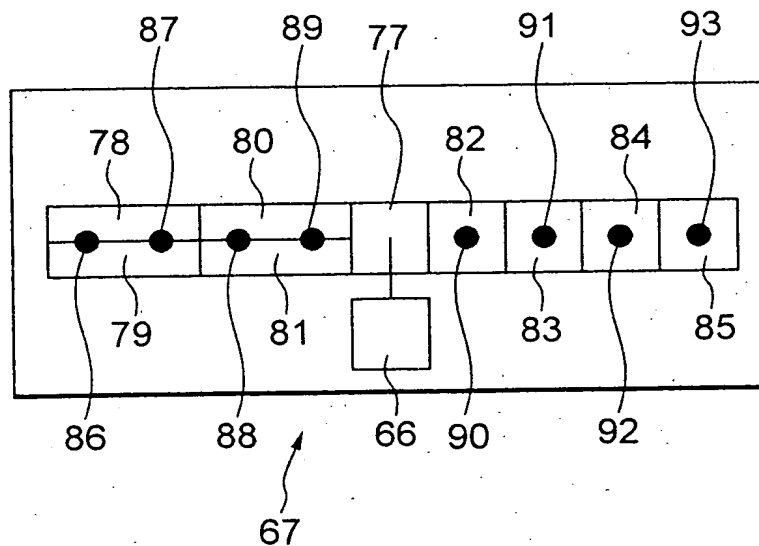


FIG. 17





Title: OPTICAL SYSTEM FOR DETECTING DATA SIGNAL AND  
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Inventor(s): Ryuichi KATAYAMA  
Appl. No.: 09/442,773

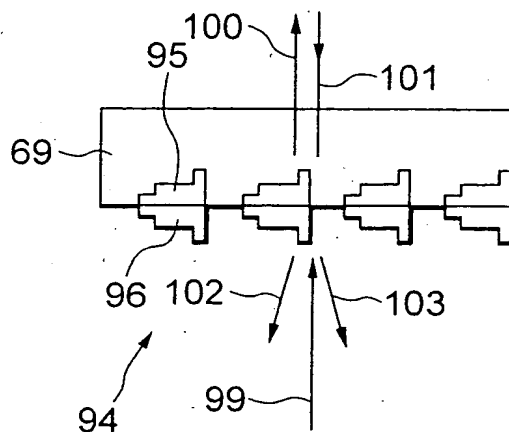


FIG. 18A

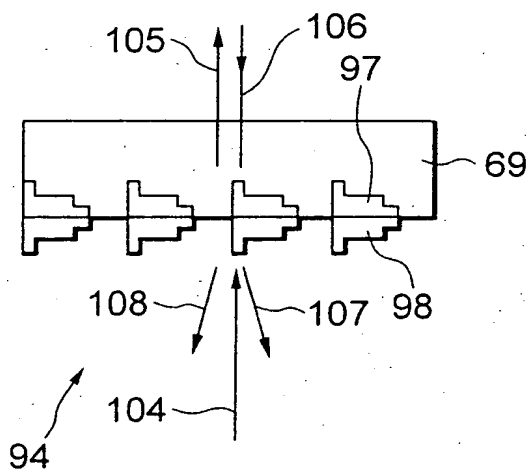


FIG. 18B



Title: OPTICAL SYSTEM FOR DETECTING DATA SIGNAL AND  
TRACKING ERROR SIGNAL  
Inventor(s): Ryuichi KATAYAMA  
Appl. No.: 09/442,773

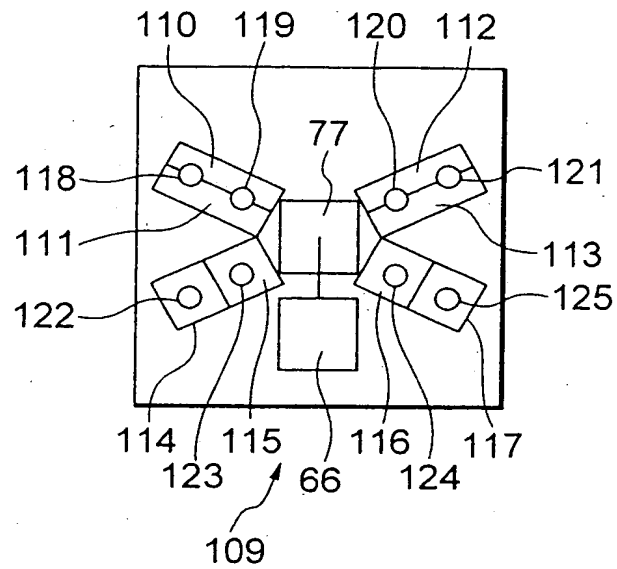


FIG. 19

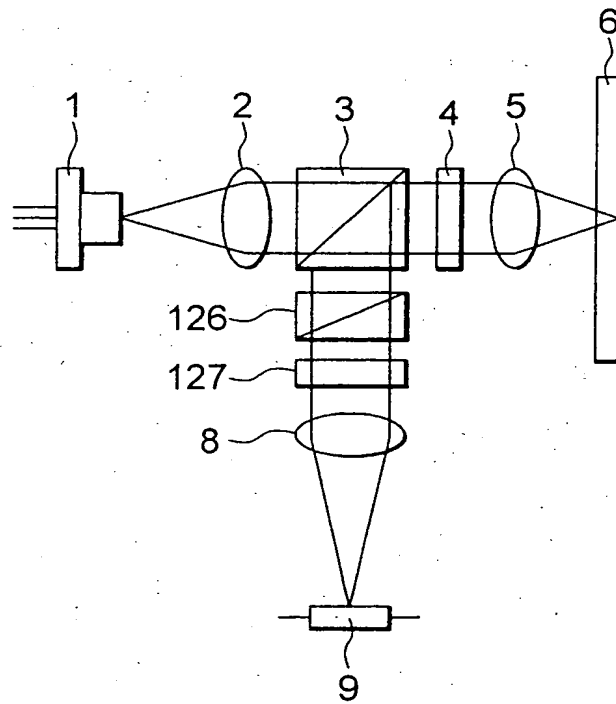


FIG. 20

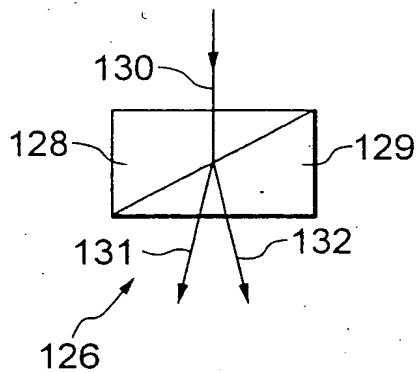


FIG. 21A

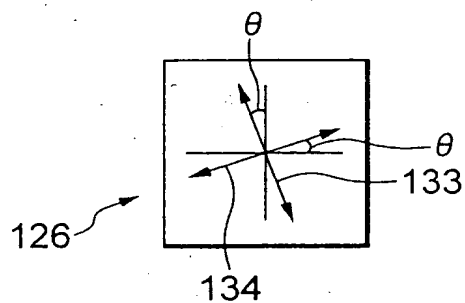


FIG. 21B

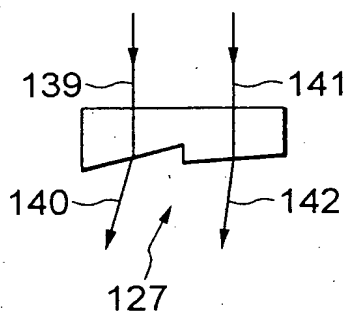


FIG. 22A

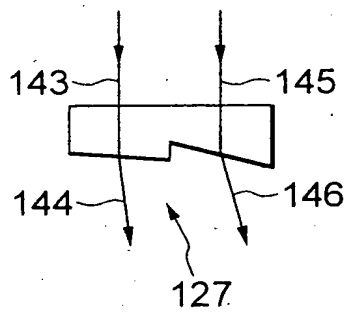


FIG. 22B

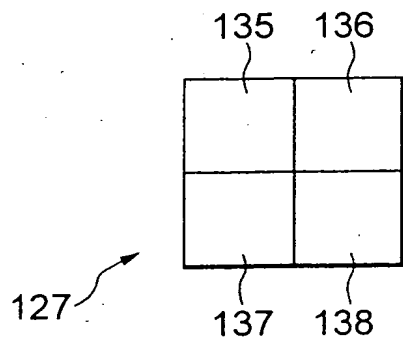


FIG. 22C

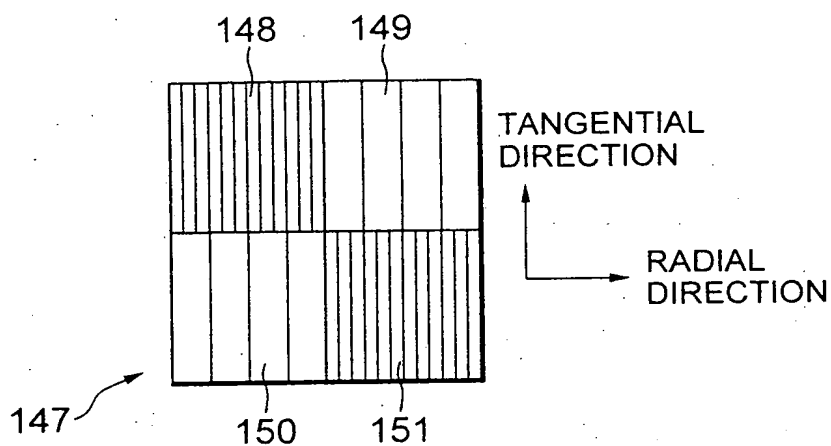


FIG. 23

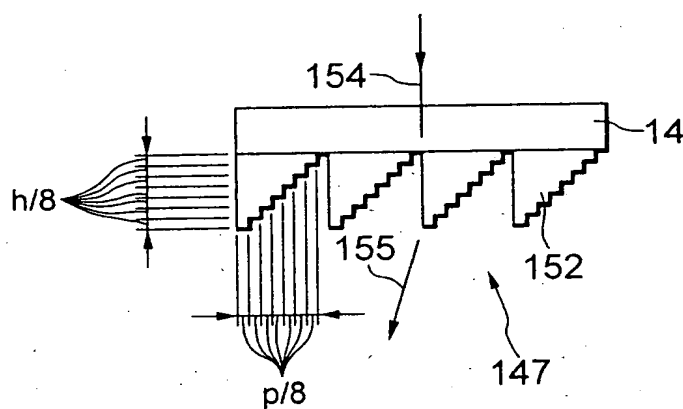


FIG. 24A

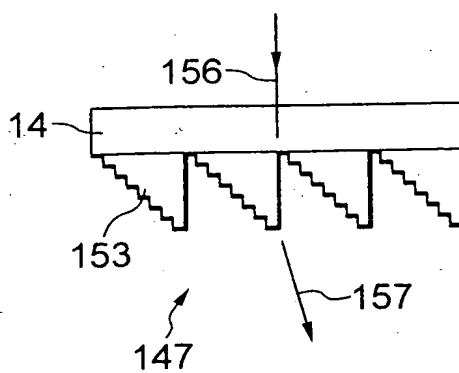


FIG. 24B